Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

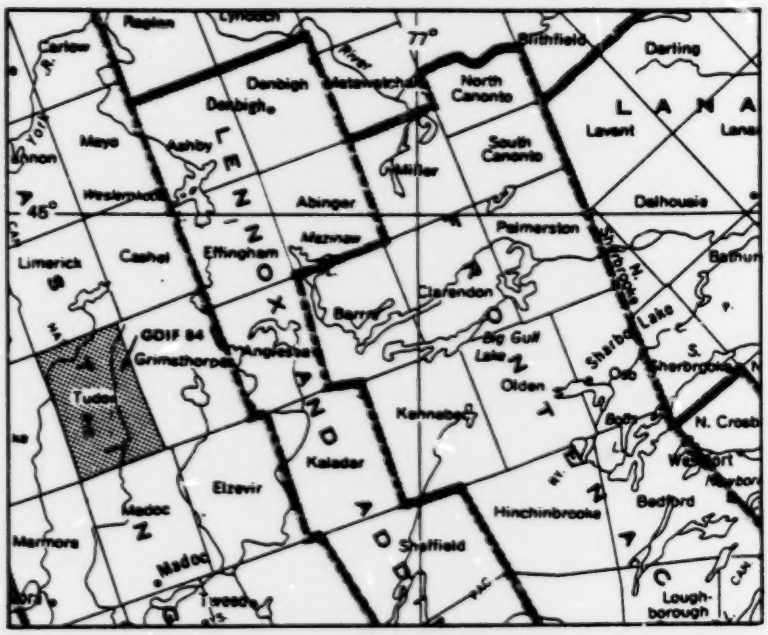
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 84

TUDOR TOWNSHIP

HASTINGS COUNTY

**Compiled by the Staff of
the Resident Geologist's Office,
Tweed**



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

85-0329/

NTS Number 31C/11, 31C/12, 31C/13

Mining Claim Map Number 156

This project was funded by the Mining Sector Work Program under the sponsorship of Barrie Township.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1984: Tudor Township, Hastings County; Ontario Geological Survey, Geological Data Inventory Folio 84, compiled by the staff of the Resident Geologist's Office, Tweed, 20p. and 2 maps.

Original Compilation by: Robert Palkovits, February 23, 1983

Date	Page Revised	Revised by
Apr/84	Inclusive	D.H.

Date	Page Revised	Revised by

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 8
Drill Hole Summary 10
Airborne Geophysical Survey Data 12
Geochemical Survey Data 13
Miscellaneous Data 14
Newspaper Clipping File 15
ODM General Index Search 16
Selected References 18
Notes and Addenda 20

ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0 621 371	miles (statute)	1 mile (statute)	1.609 344	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	R.P.
2	Assessment Files Research Office, Toronto	Yes	R.P.
3	ODM General Index; 7 volumes	Yes	R.P.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	R.P.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	R.P.
6	ODM Industrial Mineral Reports	Yes	R.P.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	N.A.	R.P.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	N.A.	R.P.
9	Newspaper Clippings File	No	R.P.
10	GSC Index to Publications	Yes	R.P.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	R.P.
12	OGS Index Maps	Yes	R.P.
13	Source Mineral Deposit Records (O.G.S.)	Yes	R.P.
14	Author - Subject Articles File	No	R.P.
15	Miscellaneous Papers: ODM & OGS	No	R.P.
16	ODM Geological Circulars: OGS Study Series	Yes	R.P.
17	ODM Preliminary Reports: ODM Bulletins	Yes	R.P.
18	ODM – OGS Open File Reports	Yes	R.P.
19	OGS Northern Ontario Engineering Geology Terrain Studies	No	R.P.
20	OGS Aggregate Resources Inventory Papers	No	R.P.
21	OGS Mineral Potential Maps	Yes	R.P.
22	Aerial Photographs on File, Tweed	Yes	R.P.

METALS AND MINERALS REFERENCES LIST

- △ anh . . . . . Anhydrite
- △ ank . . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap . . . . . Apatite
- △ arg . . . . . Argentite
- ▲ As . . . . . Arsenic
- ▲ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- ▲ ba . . . . . Barite
- △ be . . . . . Beryl
- ▲ Bi . . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- ▲ calc . . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc . . . . . Chalcocite
- △ cp . . . . . Chalcopyrite
- △ ch . . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob . . . . . Cobaltite
- △ cb . . . . . Columbite
- ▲ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep . . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (fluorspar)
- △ fu . . . . . Fuchsite
- △ gn . . . . . Galena
- △ gt . . . . . Garnet
- △ goe . . . . . Goethite
- ▲ Au . . . . . Gold
- △ gf . . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp . . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- ▲ Fe . . . . . Iron
- △ IF . . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- ▲ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li . . . . . Lithium
- △ mgst . . . . . Magnesite
- ▲ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- ▲ mb . . . . . Marble
- △ mar . . . . . Marcasite
- ▲ ma . . . . . Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne . . . . . Nephelite (nepheline)
- △ nc . . . . . Niccolite
- △ Ni . . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt . . . . . Platinum
- ▲ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- ▲ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra . . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd . . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh . . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- ▲ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp . . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib . . . . . Stibnite
- △ st . . . . . Stone
- △ talc . . . . . Talc
- △ Te . . . . . Tellurium
- △ td . . . . . Tetrahedrite
- △ th . . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti . . . . . Titanium
- ▲ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W . . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- ▲ Zn . . . . . Zinc
- △ zr . . . . . Zircon

▲gt . . . . . Garnet

▲px . . . . . Pyroxene

▲amp . . . . . Amphibole

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Baker Mine Lot 18, Con. XVIII	mag, py		OGS 1968,MRC 11p172	GSC Paper 69-45, 1970 OGS 1969,GR 67, p.80,81,82 GSC Bulletin 45,p16,17, 1958 GSC Bulletin 45, 1953 OGS 1943,AR Vol.52,PT3,p.48 Mines Br. Rept. 184, 1913
B	Blackburn Lead Lot 11, Con. II	Pb,Zn,Ag, Cu,brit		OGS 1969,MRC12,p142	OGS 1969,GR 67,p.88,89 OGS 1943,AR Vol.52,PT3,p56,57 Alcock (1930)Zn&Pb,Deposits of Canada GSC Econ.Geol.Series No. 8 NMI File 31C/12, Pb. 4
C	Craig Mine Lot 4&5(S½),Con. III	Au,Ag,Cu		OGS 1979,MDC18,p37	OGS 1969,GR67,p.63-65 OGS 1943, AR Vol.52,PT3,p32-3 GSC Mem. 192, 1936 GSC Mem 6, 1910 Goodwin 1929 Royal Commission 1890 NMI File 31C/12 Au 14
D	Emily or Gilmour Lot 7, Con. XIX	Fe	SMDR #01607	OGS 1968,MRC11,p172	OGS 1969,GR.67,p.82-83 OGS 1943,AR Vol.52,PT3,p.49 GSC Bulletin 45, 1953 Mines Br.Rept. 184, 1913
E	Glanmire Complex Lot 25, Con. XII	py			OGS 1969, GR. 67
F	Glanmire Lake Lot 26, Con. XIV	Fe			OGS 1969, GR 67, Map 2168
G	Lee Mine Lot 21, Con.XVII, XVIII	Fe		OGS 1968,MRC11,p174	GSC Paper 69-45 1970 OGS 1969,GR 67, p.80 OGS 1943,AR Vol.52,PT3,p48,49
H	Lingham Lake Complex Lot 1, Con. VI	asp			OGS 1969, GR 67

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
I	Lombard & Company Lot 29, Con. XIV	Pb,ba,calc		OGS 1969,MRC12,p142	OGS 1969,GR 67, p.91
J	Millbridge Station Lot 19, Con. IV	ma	SMDR #01211		DEMR/CANMET 1938#781,p104,109
K	Moira River Lot 13, Con. X	Fe		OGS 1968,MRC11,p175	
L	Murphy Lot 32,Hastings Rd. E.	Pb		OGS 1969,MRC12,p142	OGS 1969,GR67,p.94 + Map 2168
M	Orton Mine (See Horton Mine also) West Hastings Rd.,Lot56,57	Fe,Ti		OGS 1968,MRC11,p175	OGS 1943,AR Vol.52,PT3,p.57 NMI File 31C/13,Pb 070555 OGS 1969,GR67,p.84-85,86 OGS 1943,AR Vol.52,PT3,p.50,51 Mines Br.Rept. 579, 1922 Mines Br.Rept. 542, 1919 Mines Br.Rept. 320, 1913 Mines Br.Rept. 217,Vol.2,1910 IOC 1923 Jour.CMI/CIM Trans.Vol.XI,1908
M	Horton Mine (See also Orton Mine)	Fe,Ti			NMI 31C/12 Fe 070810 GSC Paper 69-54, 1970 GSC 1958,Bulletin45,p.14-15 Lot 57,W. of Hastings Road
N	Quinlan Lake Lot 2, Con. II	Au,Ag,As		OGS 1979,MDC18,p.45	Mines Br.Rept. 421, 1915 Mines Br.Rept. 184, 1913 Mines Br.Rept. 28, 1909 S½ Lot 2, Con. II
O	Ramsey, William Lot 11&12,Hastings Rd.E.	Pb,Zn,Ag, Cu,ba,Au		OGS 1969,MRC12,p142	OGS 1969,GR 67, p.68 NMI 31C/11 Au 6 Lot 11,12,E.of Hastings Rd. OGS 1969,GR 67,p.89,90

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
P	Reelman Lot 10, Con. B	Pb		OGS 1969,MRC12,p141	OGS 1969,GR67,p.93+Map 2168 OGS 1925,AR Vol.34,PT 1,p165
Q	Roberts Lot 4, Con. B	Pb		OGS 1969,MRC12,p141	OGS 1969,GR67,p92-93,+Map2168 OGS 1943,AR.Vol.52,PT3,p.57 GSC 1930,Econ.Geol.Series 8, p.160
R	Sheppard Lot 12, Con. II	Au		OGS 1979,MDC18,p.45	OGS 1969,GR.67,p.70 GSC Mem. 192, 1936 GSC Rept.ofProg. 1882-4 Goodwin 1929 NMI 31C/12 Au 070121
S	Smith Lot 34, Con III	Bi, tour			OGS 1969,GR 67,p.95-96
T	Stewart Lead Occurrence Lot 1 & 2, Con. A	Pb		OGS 1969,MRC12,p141	OGS 1969,GR 67,p.88 OGS 1943, AR.Vol.52,PT3,p.57 GSC 1930 Econ.Geol.Series 8, pg. 160-161
U	St. Charles Mine Lot 19, Con. XI	mag,po,py, S		OGS 1968,MRC11,p176	GSC Paper 69-45, 1970 GSC 1958 Bulletin 45,p.53-54 GSC 1953 Bulletin 45 GSC An.Rept.Vol.1, 1885 OGS 1969,GR.67,p.55,78-80 OGS 1943,AR.Vol.52,PT3,p47,48 Mines Br.Rept. 184, 1913 Mines Br.Rept. 142, 1911
V	Triana Explorations Lot 2 & 3, Con. III	Ni,Cu,Au		OGS 1969,MRC12,p142	N½Lot2&3,Con.III, and S½Lot2&3,Con.IV OGS 1969,GR 67, p.76,77

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
W	Vankleek Mine (location unknown)	Au			1880 Rept.Commission Crown Lands
X	Wright, W. Lot 11, W.of Hastings Rd.	Pb,Cu, tour		OGS 1969,MRC 12,p142	OGS 1969,GR 67, p.90
Y	Lot 4, Con. I	Au			OGS 1969, GR.67
Z	Lot 33, Con. III	Pb			OGS 1969, GR.67
Aa	Lot 10, Con. V	calc			OGS 1969, GR.67
Ab	Lot 5, Con. XIII	Au,As,Ag		OGS 1979,MDC18,p.45	OGS 1969, GR.67,p.68,NMI31C/13A
Ac	Lot 11, Con. XIII	Au,Ag,tour			OGS 1969,GR.67,p.69
					NMI 31C/13 Au 7
Ad	Lot 26, Con. XIII	Au,Ag,			OGS 1969,GR.67,p.69-70
					NMI 31C/13 Au 7
Ae	Lot 21, Con. IX	gf		OGS 1965,IMR 20,p.30	OGS 1943,AR.Vol.52,PT.3,p.37
Af	Lot 1, Con. X	Au,Ag, As			OGS 1969,GR.67,p.68-69
Ag	Lot 7, Con. X	Au		OGS 1979,MDC 18,p.45	OGS 1969,GR.67,p.70
					OGS 1943, AR.Vol.52,PT.3,p.33
					NMI 31C/13 Au 070124
Ah	Lot 4, Con. XIV	Au,Cu,Ag			OGS 1969, GR.70, p.69
					NMI 31C/13 Au3
Ak	Lot 5, Con. XV	py			OGS 1969,GR.67, p.69
Al	Lot 8, Con. XV	Fe			OGS 1969, GR.67
					Mines Br. Rept. 421, 1915
					Mines Br. Rept. 184, 1913
Am	Lot 16, 17, Con. XVIII	mb			
An	Lot 3, Con. XIX	Fe,gt,px			OGS 1969, GR.67, p.83
Ao	Lot 5, Con. XIX				OGS 1969, GR.67, Map 2168
Ap	Lot 11,12,W.of Hastings Rd.	tour,ba			OGS 1969, GR.67, p.90
Aq	Lot 20, W. of Hastings Rd.	Pb			OGS 1969,GR.67, Map 2168
Ar	Lot 41,42,54,55,E. of Hastings Rd.&55 W.of Hastings Rd.	Fe			OGS 1969, GR. 67
					GSC Bulletin 45, 1953

TUDOR TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	OTHER OCCURRENCES				
As	Lot 12, Hastings Road	Au			OGS 1969, GR 67
At	Lot 41-45	amp(gabbro)			GSC Mem. 6, 1910
Au	Lot 1, Con. XI	asp,Cu,Au, py,Ag,Zn, Pb			Mines Br.Rept. 771, 1935
Av	Lot 34, Con. III & IV	Bi			GSC Paper 69 - 45, 1970
Aw	Lot 5, Con. II	Cu			GSC Rept. of Prog. 1866-69
Ax	Lot 32, Con. III	Pb			GSC Mem. 6, 1910
Ay	Lot 12, Con. V	Pb			GSC Mem. 6, 1910
Az	Lot 11, Con. VI	Pb			GSC Mem. 6, 1910
Ba	Lot 10, Con. VII	Pb			GSC Mem. 6, 1910
Bb	Lot 26-28, Con. XIX	Pb			GSC Mem. 6, 1910
Bc	Lot 21-28, Con. A	Pb			GSC Mem. 6, 1910
Bd	Lot 5,6, Con. B	Pb			GSC Mem. 6, 1910
Be	Lot 27,28, Con. B.	Pb			GSC Mem. 6, 1910
					GSC Mem. 74, 1915
Bf	Lot 7-10, Con. XVIII, XIX	gt			GSC Paper 69-45, 1970
Bg	Lot 6, 7, Con. XIII	gt			GSC Mem. 6, 1910
					Mines Br. Rept. 677, 1927
Bh	Lot 9-19, Con.XVII,XVIII,XIX	granite			GSC Mem. 74, 1915
					GSC Mem. 6, 1910
Bi	Lot 23, 24, 25, Range B	limestone			GSC Rept. of Prog.1863-66
Bj	Ricketts Mine	Fe			Mines Br. Rept. 63, 1910
					NMI31C/13, Fe 070814

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Barton, Ed AFRO file: 11				60															
2	Craig Gold Mines Inc. AFRO file: 63.3808	81																		
3	England, Roger B. AFRO file: 2.418					70														
4	Great Indian Expl. Ltd.							70												
5	Hesselmann, H. K. AFRO file: 15			70	69-73															
6	Helm, N. AFRO file: 2.5523			83		83														
7	Louada Exploration & Dev. Co. AFRO file: 16				67															
8	Montgomery, J. L. AFRO file: 2.3272	80																		
9	Musselwhite, W. H. AFRO file: 14				66-70															
10	Tokarsky, John AFRO file: 2.449 (continued)												70							

GDIF FORM NO. 2

TUDOR TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
	(continued) AFRO file: 17				71															
11	Triana Exploration Ltd. AFRO file: 63.933 AFRO file: 10	57			57							57								
12	Wright, W. AFRO file: 12 AFRO file: 13				60 61															

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Barton, Ed	1	1960	N35W*MN	35	6	105	mag,gt,ep	
2	" "	2	1960	N30W MN	0	8	105	ep,gt,py,mag	Fe
3	" "	3	1960	N40E MN	45	5	101	mag,gt,py,ep	Fe,si,S, phos
4	" "	4	1960	S40E MN	80	3	46	epidotized granite	
5	" "	5	1960	S35E MN	45	3	120	py,mag,gt,ep	Fe,si
6	" "	6	1960	S20E MN	45	11	107' 6"	ep,gt,amp,py, mag	Fe
7	" "	7	1960	N10E MN	40	5	102	mag,gt,ep,amp	Fe
8	Hesselmann, H. K.	1	1969	—	90	—	102	py,amp,qtz	
9	" " "	2	1970	—	90	—	205	amp,qtz	
10	" " "	3	1972	—	90	1	251	amp,qtz,mica	
11	" " "	4	1973	NW	10	1	157	amp,qtz	
12	Louada Exp. & Dev. Co. Ltd.	67-1	1967	—	90	—	124	Cu,Ni,Fe,asp calc,ep,amp	Cu,Ni
13	" " " "	67-2	1967	—	90	19	106	Cu,Ni,amp,ep	
14	" " " "	67-3	1967	N	50	—	110	Cu,Ni	Cu,Ni
15	Musselwhite, W. H.	D	1966	W	51		102	py,po,Cu	
16	" "	MG-1-70	1970	—	90	13	209	Cu,Ni	Cu, Ni
17	" "								
18	" "	MG-2-70	1970	—	90	3	266	Cu,Ni,amp, trem	Cu,Ni

*MN-magnetic North

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
19	Musselwhite, W.H.	MG-3-70	1970	–	90	22	250	mag,py,cp, Cu,Ni	Cu,Ni
20	" "	MG-4-70	1970	–	90	15	201	py,cp,trem, serp	
21	Tokarsky, John	1	1971	W	45	6	260	py,cp	
22	" "	2	1971	S45W	50	10	247	hem	
23	" "	3	1971	W	45	6	245	py,cp,po	
24	" "	4	1971	E	45	6	244	py,cp,po	
25	Triana Exploration Ltd.	3	1957	154	45		53.4	py,po,amp, trem,chl,cp, Cu,Ni	Cu, Ni
26	" " "	4	1957	147	45		40	py,po,cp,amp, feld,asp	Cu, Ni
27	" " "	6	1957	300	45		40	po,py	Cu, Ni
28	" " "	7	1957	248	45		40		
29	Wright, W.	1	1960	–	90		61.7	py,cp,po	
30	" "	2	1960	N80E	77.5		56.6'	cp,py,po	
31	" "	3	1960	86	100		104.5'	po,gn	

GDIF FORM NO. 3

12 TUDOR TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

	Method	Material	Reference	Result
1	Geological Report	Cu, Ni	GSC Mem. 6, 1910	
2	Thin Sections		OGS An.Rep.Vol.52, PT3, 1943 OGS An.Rept.Vol.62 PT5, 1953	
3	Magnetometer Survey			
4	Trenching			
5	Property Report Prospectus	Pb,Zn,Ag		
6	Trenching	Au,Ag,asp		
7	EM	Pb,Zn,Ag		
8	Geological Report and Map		OGS 1968 GR 73, p.21-22	
9	Map Info. on Crown-Domtar Land Exchange			

Company Name, Location of Work

1 Triana Explorations Ltd., 1957

2 S½ Lots 2-4, Con.4,N½Lots 2-4, Con.3
Claim Nos.EO 24502, o4,06,10,12,14

3 Claim Nos. EO 24500,02,03,04,05,06,09,10,11,12,14,24966

4 Hesselmann, H. K. 1970
S½ Lot 4, Con. 3
Claim No. EO 36502

5 Great Indian Exploration Ltd. 1970
Lot 9-11, Con. 1-3

6 England, Roger B. 1970-1
S½ Lot 5, Con. 14
Claim No. EO 283619

7 Tokarsky, John 1970
Lots 9-11, Con. 1-3
Claim Nos. 284509-18 &195389

8 Montgomery, J. L. 1980
S½ Lot 10, Con. 7
Claim No. EO 538293

9 Domtar 1980

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kemptville, Ontario

GDIF FORM NO. 7

ODM GENERAL INDEX SEARCH

Words searched: TUDOR TOWNSHIP, HASTINGS COUNTY

Index Volume	Listing:	Report Volume	Part	Page
1891-1916	Tudor Township			
	Andradite	IX		193
	Bismuth	IX		195
	Bismithinite	VIII		234
		IX		195
	Eozoon Canadense	IX		198
		XXII	ii	9
	Epidote	IX		198
	Geology of Portion			
	Gilmour			
	Altitude	XXII	ii	14
	Gilmour Area - Limerick & Tudor Twps.			
	Geology	XXII	ii	83-88
	Maps, facing	XXII	ii	83
	Gold In	R.C.		28,110
		III		54
	Craig Gold Mine			
	Accident	VII		30
	Depth (1901)	XI		198
	Minor Reference to	R.C.		111
		XV	i	4
	Notes (1898)	VII		92
	(1903)	XIII	i	93
	(1904)	XIV	i	76
	(1905)	XV	i	89
	Producing (1905)	XV	i	4,88
	(1906)	XVI	i	6
	Iron Ore			
	Magnetite, analysis	IX		201,202
	Description	II		42,43
	Exhibited	II		82
	St. Charles Mine	XII		20
	Closed down (1902)	XII		115
	Magnetite	XXII	ii	107
	Ore from, exhibited	II		82
		XI		86
	Rocks	XXII	ii	108
	Work at (1898)	VIII		32
	(1900)	X		128
	(1901)	XI		261
	Lead	R.C.		30
		XXV	ii	28-30
	Katherine Lead-Zinc Mine			
	Boring with diamond drill	XI		58,60
	Notes (1900)	X		129,130
	(continued)			

ODM GENERAL INDEX SEARCH

Words searched: TUDOR TOWNSHIP, HASTINGS COUNTY

Index Volume	Listing:	Report Volume	Part	Page
	(continued)			
	Notes (1905)	XV	i	91
	(1915)	XXV	ii	24
	Rocks of and near	XI		207
	Diorite-gneiss	XI		79
	Work at (1906)	XVI	i	79
	Mispickel	IX		205
		XI		105
	Rocks	XXII	ii	9
	Limestone	XIII	ii	62
	Notes by Miller	XI		198,199
1917-				
1927	Arenaceous Deposits Scarce	XXVII	2	54
	Gold Mining			
	Craig Gold Mine			
	Depth, mill	XXX	2	15
	Iron Mines - notes and analysis	I.O.		220
	Lead Prospecting	XXXI	10	65
	Reelman, George			
	Lead mining	XXXIV	1	165
1927-				
1940	Gold Mining			
	Craig Gold Mine			
	Acquired by Kudore Mines	48	1	101
	Mill, Capacity	45	1	24
	Operations			
	Capital; officers, operations			
	(1934)	44	1	86
	(1935)	45	1	98
	(1936)	46	1	120
	Incorporated	44	1	45
	Production	49	1	13
	Limestone, quarry	48	1	48
		49	1	49
1941-				
1950	Galena	52	3	56,57
	Gold Mining	52	3	32,33
	Craig Gold Mine			
	Production	59	1	18
	Report on	32,33	3	32,33
	Graphite	37	3	37
	Iron MG.	47-51	3	47,51
	Lead	56,57	3	56,57
1951-				
1955	Gold Mining			
	Craig Gold Mine			
	Production	64	1	27

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
	1969		OGS GR67, Map 2168	
		GEOPHYSICAL MAPS		
O.G.S.	1977	Aeromagnetic Maps - Tudor Township	16G,14G,95G	
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
		Southern Ontario Physiography-South Eastern	Maps 2226,2228	
		MINERAL POTENTIAL MAPS		
Springer, Janet		Ontario Mineral Potential - Kingston and part of the Ogdensburg Sheets - Mineral Deposit Series	OGS Map P.1505	1:250,000
		GEOCHEMICAL		

GDIF FORM NO. 9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Gordon, J. B. Lovell, H. L. deGrijs, Jan David, R. F.	1979	Gold Deposits of Ontario	OGS MDC 18	
Lumbers, S. B.	1969	Geology of Limerick & Tudor Townships	OGS GR. 73	P 55-95
Shklanka, Roman	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	OGS MRC 12	
Shklanka, Roman	1968	Iron Deposits of Ontario	OGS MRC 11	
Hewitt, D. F.	1965	Graphite in Ontario	OGS IMR 20	
Thomson, J. E.	1953	Mineral Occurrences in the North Hastings Area	OGS AR Vol.53, Pt. 3	
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		

NOTES AND ADDENDA

AERIAL PHOTOGRAPH INDEX

Scale 1" = ¼ mile

YEAR	ROLL NUMBER	FLIGHT LINE	PHOTO NUMBERS
1978	160	4445	145
1978	119	4446	36 - 39
1978	130	4447	34 - 38
1978	130	4448	253 - 269
1978	157	4449	204 - 222
1978	131	4450	185 - 200
1978	143	4451	31 - 47
1978	120,192	4452	47-57,109-117
1978	163	4453	30 - 48
1978	163	4454	118 - 139
1978	164	4455	85 - 95
1978	165	4456	27 - 44
1978	192	4457	97 - 108
1978	190	4458	210 - 217
1978	190	4459	41 - 42

TUDOR TOWNSHIP

MURPHY CORNERS

29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62

EAST

HASTINGS ROAD

GLANMIRE

XIX XVII XVI XV XIV XIII

Door L.

Steensburg

Powers L.

orig shore

Bb Pb

Bb

orig shorel

orig shorel L.

Beaver

Brett Lake

orig shorel

Glanmire

Glanmire

Lake

shoreline (Lake Hennesy)

A mag,py

Am mb

Bh granite

GILMOUR F.O.R.STA

G Fe

Beaver

Jordan Lake

original

Lake Benjamen shoreline

I Pb,ba,calc

F Fe

Ad Au,Ag,tour

E

HWY No. 62

ONT. HYDRO

Ac Au,Ag

Bg gt

Ab Au,Ag,As

Ah Au, Cu, Ag

Al Fe

Ak py

D Fe

1-7

? Fe

Bf gt Bf gt Bf gt

Ao Fe,gt,px

An Fe, gt, px

Lake Wadsworth

R/W

GRAND TRUNK

77°35' × 44°50'

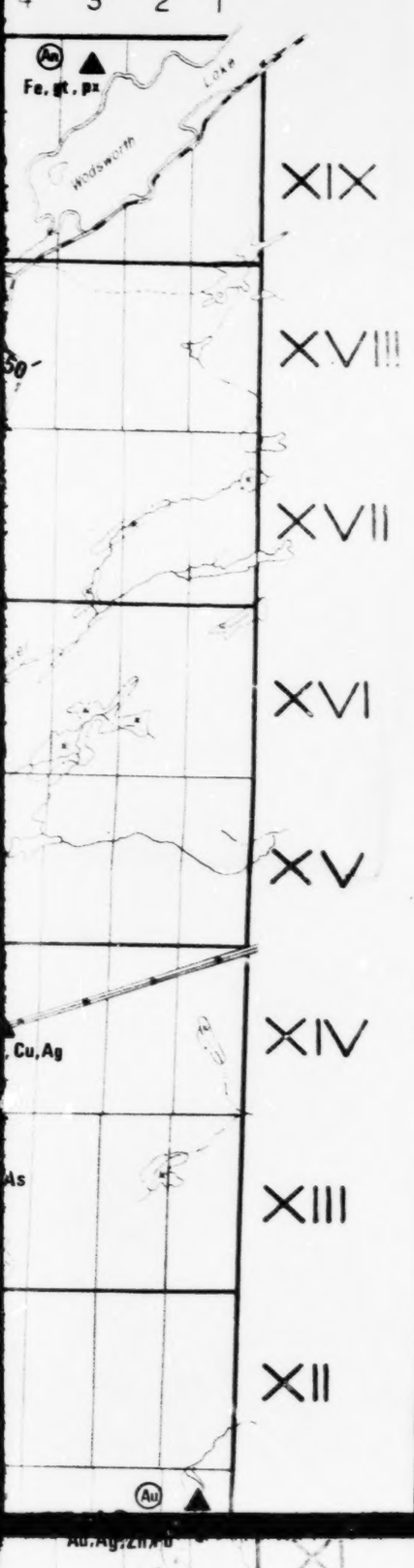
1992

Twinpine Lakes

River

Moira

1978



Ministry of Natural Resources
Ontario

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
Map to Accompany GEOLOGICAL DATA
INVENTORY FOLIO 84

TUDOR TOWNSHIP

HASTINGS COUNTY

Scale 1 31 680

Mile 0 5 0 0 5 1 Mile

Kilometre 0 5 0 0 5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2 .)

MINERAL OCCURRENCES

- ☒ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ☒ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized Float with reference letter
- ☐ —

DRILL HOLES

- ☒ ●² — Location of single drill hole, with reference number
- ☐ (?)² — Drill hole, exact location uncertain, with reference number.

py

U mag,po,py S

Bj Fe

Au asp,py,Cu Au,Ag,Zn,Pb

M Fe,Ti

Ar2 Fe

27

Fe

Ag Au

Af Au,Ag,As

Ae gf

26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

At amp

Ar1 Fe

HASTINGS ROAD

L Pb

Ba Pb

Be Pb

Bc Pb

Bc Pb

Bc Pb

Bc Pb

Bc Pb

Bd Pb

Bi limestone

Bi

Az Pb

Ay Pb

Aa calc

H sp

J Millbridge STA ma

Millbridge P.O.

Aq Pb

Av Bi

Ax Pb

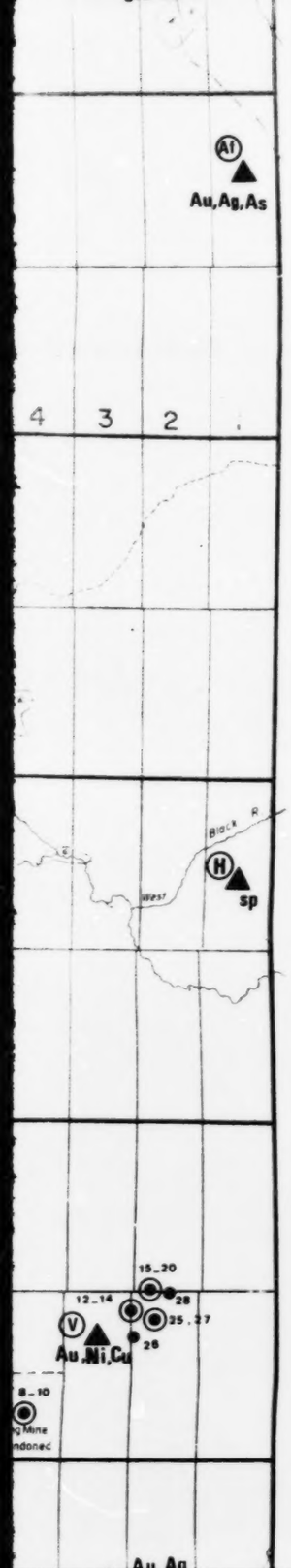
S

V Au,Ni,Cu

C

VII VI V IV III

XI X IX VIII VII VI V IV III



Drill hole, exact location uncertain, with reference number.

Property with underground drill holes in this general area, with reference number

Property with drill holes which have not been plotted on map, with reference number

Reverse Circulation Drill Hole; Churn drilling, with reference number

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

Geochemical sample site, with reference number

Area of geochemical sampling, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

Airborne Magnetometer Anomaly

Airborne Electromagnetometer Anomaly
Length of anomaly along flight line

Airborne Electromagnetometer Anomaly.
Location of anomaly along flight line

Airborne Electromagnetometer Anomaly
Conductor Axis: definite, probable, possible

Airborne Radiometric Anomaly

Ground Magnetometer Anomaly

Ground Electromagnetometer Anomaly
(VL - Vertical Loop; HL - Horizontal Loop;
VLF - Very low freq; Turam; JEM -
Crone EM - 16)

Ground Radiometric Anomaly

Induced Polarization Anomaly

Self Potential Anomaly

Audio-frequency magnetometer anomaly
(total intensity)

Resistivity Anomaly

Gravity Anomaly

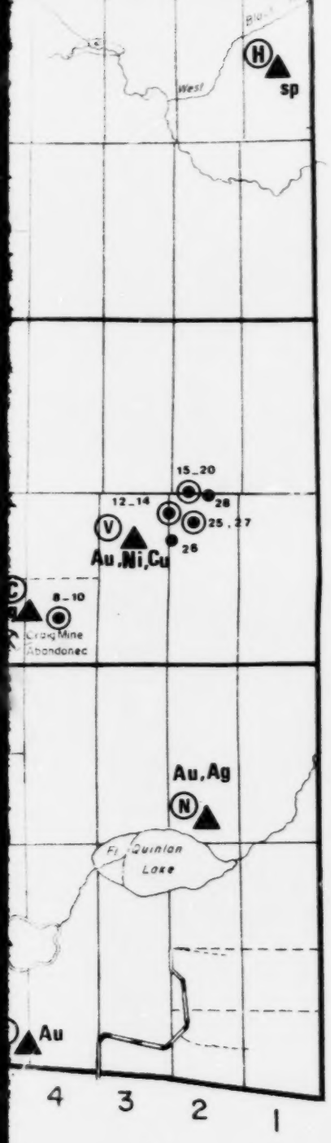
MISCELLANEOUS DATA

Trenching, pit

Rock quarry

VI
V
IV
III
II
I

ROAD
ROAD
GS
WEST
EAST
CONCESSION
CONCESSION
A
HOGAN
Millbridge P.O.
Millbridge STA
ma
Pb
Bi
Bi, tour
Pb
Pb
Au
Pb, Zn, Ag, Cu, ba, Au
Pb, Cu, tour
Pb
Pb
Pb
Pb
Pb
Pb
Pb
Pb
Pb
Pb
Au
Pb
limestone
Pb
calc
Pb, Zn, Ag, Cu
P
Cu
Au, Ag
Craig Mine Abandoned
Au, Ni, Cu
Au, Ag
Au
Au
sp
Wolf
Long
Jordan
Quinlan Lake
Robinson Lake
N 37°
44° 40'
34 33 32 31 30 29 28 27 26 25 24
12 11 10 9 8 7 6 5 4 3 2 1



Location of anomaly along flight line

Airborne Electromagnetometer Anomaly
Conductor Axis: definite, probable, possible

Airborne Radiometric Anomaly

Ground Magnetometer Anomaly

Ground Electromagnetometer Anomaly
(VL - Vertical Loop; HL - Horizontal Loop;
VLF Very low freq; Turam; JEM -
Crone EM - 16)

Ground Radiometric Anomaly

Induced Polarization Anomaly

Self Potential Anomaly

Audio-frequency magnetometer anomaly
(total intensity)

Resistivity Anomaly

Gravity Anomaly

MISCELLANEOUS DATA

Trenching, pit

Adit

Open pit

Rock quarry

Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

MURPHY CORNERS

29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60

EAST

HASTINGS ROAD

GLANMIRE

Door L.

orig shorel

Steensburg

Powers I

orig shorel

orig shorel

Beaver

Cr.

Brett Lake

orig shorel

Beaver

GILMOUR P.O. & STA

ABANDONED

School

CNR

Twinpine Lakes

1992

Woodsworth Lake

1

44° 50'

77° 35'

River

Moira

1978

3

Jordan Lake

original

Lake Benjamen shoreline

Glanmire Lake

Glanmire

shoreline (Lake Hennesy)

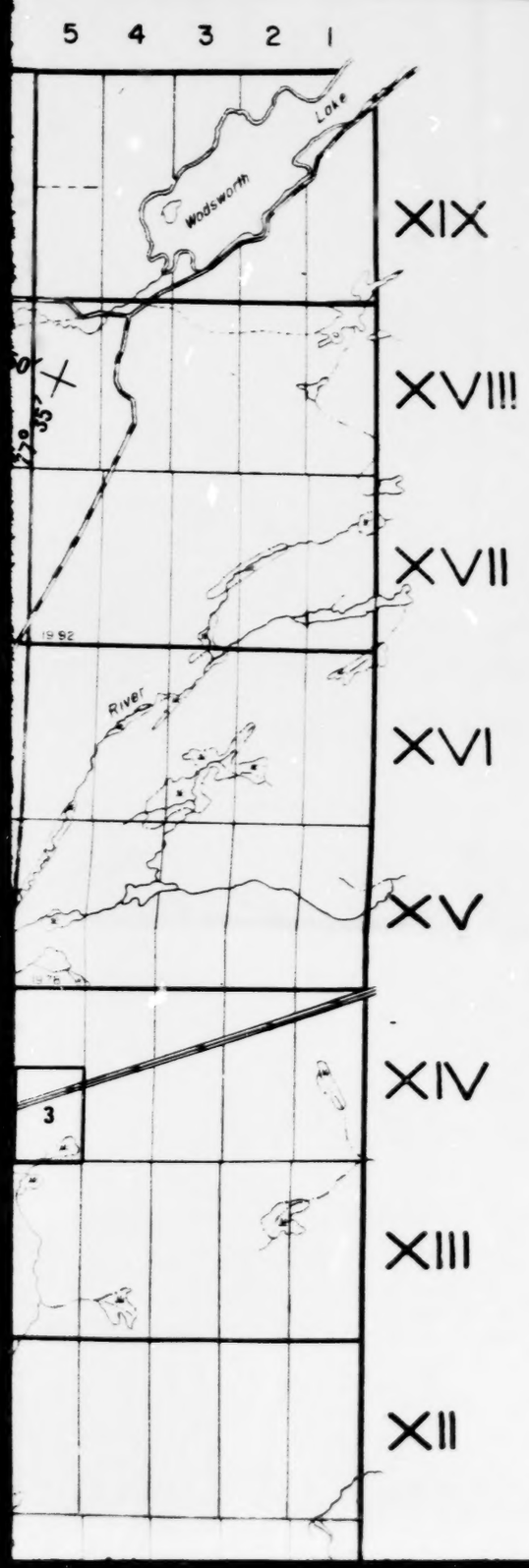
HWY No. 62

ONT HYDRO

SALMON

McDonald's

XIX XV XV XV XIV XIII XII



Ministry of Natural Resources
Ontario

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

(Map 1 of 2)

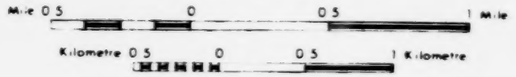
to accompany GEOLOGICAL DATA

INVENTORY FOLIO 84

TUDOR TOWNSHIP

HASTINGS COUNTY

Scale 1:31 680



XI X IX VII VI V IV VI V IV

HASTINGS ROAD

HASTINGS ROAD

RANGE B

RANGE A

27

Fire Lookout Tower

6

8

11

9,11

26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15

30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15

Main Lake

Lake Hertford

Little

Jordan

Jordan River

Black R.

West

Millbridge P.O.

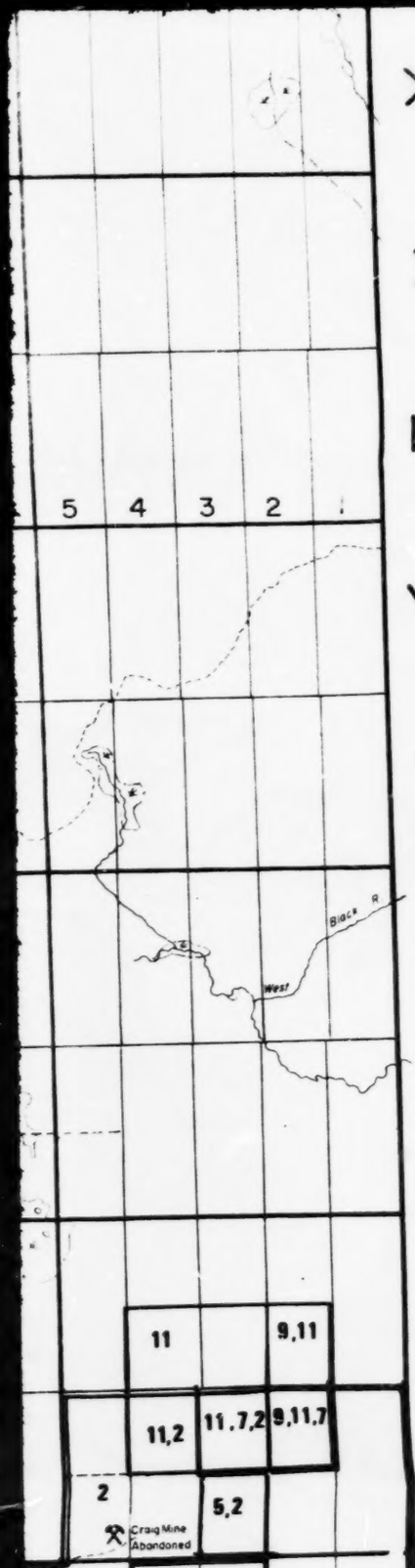
Millbridge STA

HOGAN

CANADIAN NATIONAL RAILWAY

Highway No. 62

RETRACEMENT SURVEY by G.W. ELLIOTT, O.L.S. 1971



XI

X

IX

VIII

VII

VI

V

IV

III

EXPLORATION DATA FILE AREAS

☒ ① ⑤ Reference number is always inside work area outlined. See listing in text pages

☐ × ④ Small area of exploration data.

☐

VI

V

IV

III

II

I

ROAD

ROAD

WEST

EAST

CONCESSION "B"

CONCESSION "A"

Millbridge P.O.

Millbridge STA

HOBAN

Jordan

Jordan C.

Wolf Lake

Robinson Lake

Craig Mine Abandoned

Ft. Quinlan Lake

West

44°40'

37'

12

11

9,11

11,2

11,7,2

9,11,7

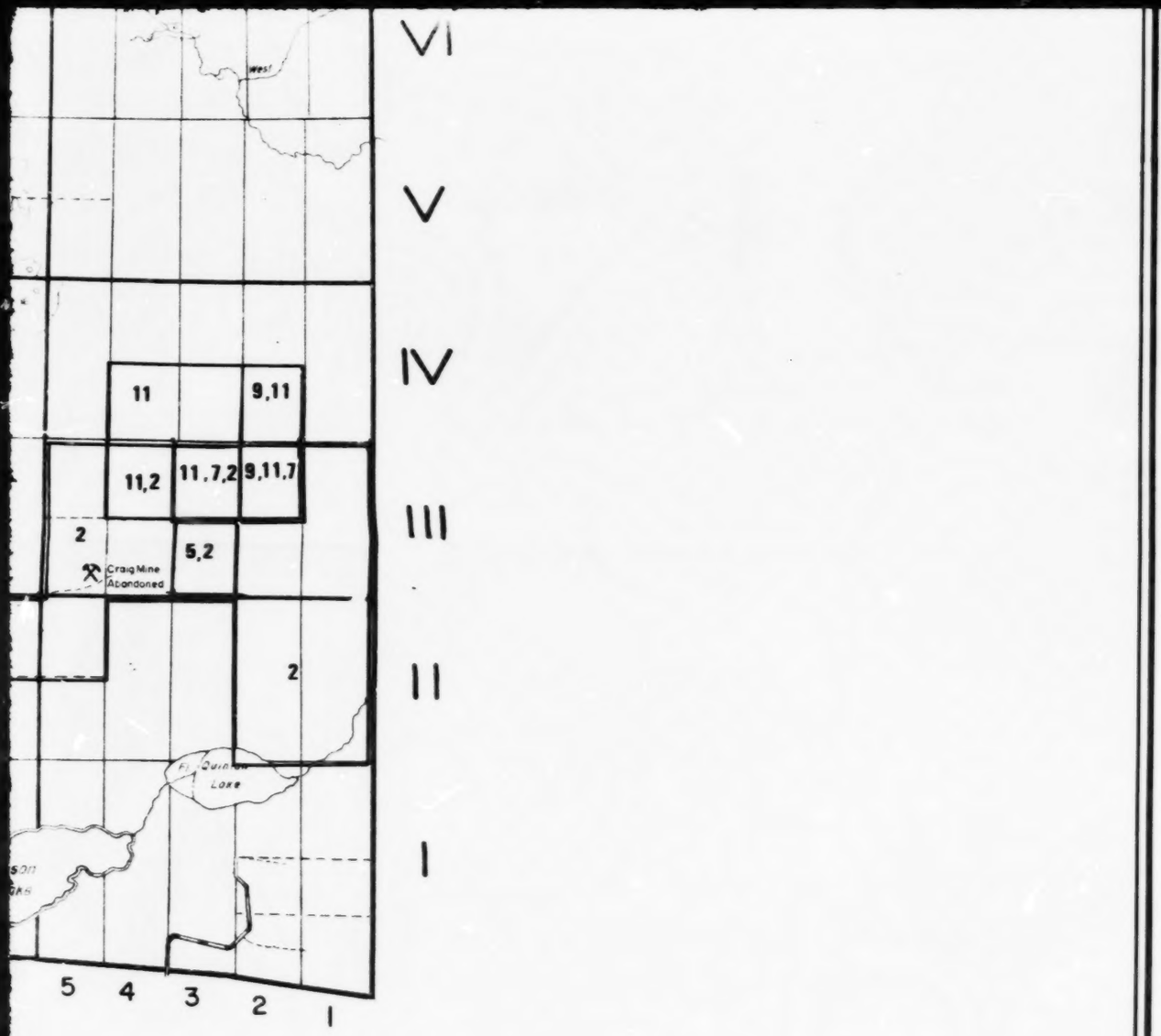
5,2

2

10

34 33 32 31 30 29 28 27 26 25 24

12 11 10 9 8 7 6 5 4 3 2 1


VI
V
IV
III
II
I
11
9,11
11,2
11,7,2
9,11,7
2
5,2
Craig Mine
Abandoned
2
Quinton
Lake
5
4
3
2
1